

ABSTRACT OF THE DISCLOSURE

A controller controls a time stamp providing unit to provide a periodic transfer packet with a time stamp showing the synchronous timing of periodic control designated by
5 said control period timer using the global time indicated by a global timer. Devices correct to synchronize operation period timers with the periodic control, by using the time difference between the synchronous timing time of periodic control indicated by the time stamp of the transmitted
10 periodic transfer packet and the global time indicated by global timers, at the periodic operation timing of said operation period timers.